

STATE OF VERMONT  
AGENCY OF NATURAL RESOURCES  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
WATERSHED MANAGEMENT DIVISION  
10 V.S.A. Chapter 47 Permit Application Form WR-82



<b>Application For:</b> (Check ( ) one) <input checked="" type="checkbox"/> Municipal/Industrial Discharge Permit <input type="checkbox"/> Emergency Pollution Permit <input type="checkbox"/> Indirect Discharge Permit <input type="checkbox"/> Pretreatment Discharge Permit <input type="checkbox"/> Underground Injection Control Permit	<b>with Schedule:</b> A or B E I B Special Form	<b>Action Requested:</b> (Check ( ) one) <input type="checkbox"/> Original Permit <input checked="" type="checkbox"/> Renewal * <input type="checkbox"/> Amendment * <input type="checkbox"/> Transfer * * Permit # <u>3-1210</u>
<b>Status of Discharge:</b> (Check ( ) one) <input type="checkbox"/> Proposed <input checked="" type="checkbox"/> Existing	<b>Nature of Waste:</b> (Check ( ) one) <input checked="" type="checkbox"/> Sanitary (domestic sewage only) <input type="checkbox"/> Non-Sewage/Industrial <input type="checkbox"/> Stormwater (surface or subsurface disposal)	
For DEC Use: PIN <u>RU98-0028</u> Reviewer: <u>CSC</u> Check #: <u>70137</u> Title 3: <u>Y</u> N		

- pd \$120.00 by Town of Middlebury*
1. Applicant: Town of Middlebury  
 Legal Entity: Municipality  
(Individual, corporation, partnership, firm, state agency, municipality, etc.)
  2. Mailing Address: 94 Main Street, Middlebury, VT 05753
  3. Contact: Dan Werner, Director of Operations  
 Telephone: 802 388-4045 Fax: 802-388-4046  
 E-Mail Address: dwerner@townofmiddlebury.org
  4. Name of Activity: Town of Middlebury Wastewater Treatment Facility  
(John Doe residence, SYZ Corp., Clark Lake State Park, Green Motel, etc.)
  5. Type of Activity: Wastewater Treatment  
(Residential subdivision, paper mill, state park, motel, etc.)
  6. Description of Waste: Domestic Wastewater and Process waste from Cabot's Otter Creek Brewery, American Hard Cider
  7. Name of Landowner: Town of Middlebury
  8. Location: 243 Industrial Avenue Town: Middlebury
  9. If this application is for a permit renewal, is the previous application still valid in all respects? ☒ Yes  
☐ No If no, document changes on a separate attachment. (Note: appropriate Schedule must be completed regardless if changes have occurred.)

(OVER)

10. Receiving Water for Indirect Discharges: Otter Creek

II. Pretreatment and Direct Discharges ONLY: Using a separate serial number (S/N), identify each independent discharge which will result from the activity described above. Attach a separate schedule for each discharge identified below.

Discharge	Receiving Water	Latitude/Longitude (optional)
S/N 001	<u>See Attachment A</u>	
S/N 002		
S/N 003		
S/N 004		
S/N 005		

Use an attached sheet for additional discharges.

12. 3 V.S.A. Section 2822 Fees: Call 802-490-6106 for assistance calculating the application review fee.

<del>\$100.00</del> <sup>120<sup>00</sup></sup> Administrative Processing Fee	<del>\$</del> <sup>\$</sup> 120 <sup>00</sup>	Does not apply to Emergency Pollution Permits
Plus Application Review Fee		Does not apply to renewal applications
Total Fee Enclosed	<del>\$ 120<sup>00</sup></del> <sup>\$0.00</sup>	Payment by check or money order, please

I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF THE INFORMATION SUBMITTED ABOVE IS TRUE, ACCURATE AND COMPLETE. I RECOGNIZE THAT BY SIGNING THIS APPLICATION I AM GIVING CONSENT TO EMPLOYEES OF THE STATE TO ENTER THE SUBJECT PROPERTY FOR THE PURPOSE OF PROCESSING THIS APPLICATION.

Robert T. Wells, Wastewater Superintendent - Town of Middlebury  
NAME AND TITLE OF APPLICANT OR LEGALLY AUTHORIZED REPRESENTATIVE (please print)

Robert T. Wells  
SIGNATURE

3-25-13  
DATE

NAME AND TITLE OF CO-APPLICANT OR LEGALLY AUTHORIZED REPRESENTATIVE (please print)

SIGNATURE

DATE

This application must be signed by the applicant or an officer in the applicant=s business, a municipal official, etc. The application CANNOT be signed by the applicant=s attorney, engineer, contractor, etc.

☐ **Submittal of Application:** Attach appropriate schedules, administrative processing and application review fees, plans, specifications and other supporting material. Send application to:

**VT Department of Environmental Conservation  
Watershed Management Division  
One National Life Drive, Main Bldg, 2<sup>nd</sup> Floor  
Montpelier VT 05620-3522**

**STATE OF VERMONT  
AGENCY OF NATURAL RESOURCES  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**SCHEDULE A: MUNICIPAL TREATMENT PLANTS WR-82A**

CHAPTER 47 OF TITLE 10 V.S.A.

SCHEDULE 1 - MUNICIPAL DISCHARGES

DATE:

3-1210

3-25-13

A-1 APPLICANT:  
ACTIVITY:

Town of Middlebury  
Wastewater Treatment

A-2: DISCHARGE:

3-1210

S/N DESIGNATION: 001 For each discharge point, enter a S/N designation (001, 002, 003, etc)

A-3: EXACT LOCATION ON RECEIVING WATER (describe and locate on map) INCLUDE THE OUTFALL FROM THE TREATMENT FACILITY, EMERGENCY BYPASS/S AT THE TREATMENT FACILITY, EMERGENCY BYPASS/S WITHIN THE SEWER SYSTEM, COMBINED SEWER OVERFLOWS AND DRY WEATHER OVERFLOWS:

See Attachment "A" and enclosed maps

A-4: DESCRIBE, AND ATTACH MAP OF CORPORATE BOUNDARIES, INCLUDING BOUNDARIES OF SEWERED AREA OR AREA TO BE SEWER AND SERVED BY THIS DISCHARGE, TO WHICH THIS DISCHARGE APPLIES:

See Attachment "B"

A-5: CURRENT ESTIMATED POPULATION IN ABOVE BOUNDARIES 8500  
PERCENTAGE OF THIS POPULATION SERVED BY THIS DISCHARGE 81 %.  
IF LESS THAN 100%, HOW ARE WASTES FROM REMAINING POPULATION DISPOSED OF?

The wastewater from the remaining 19% goes to septic tanks and some of that waste is treated here as we take in Septage from 4 haulers.

A-6: APPROXIMATE DAILY VOLUME OF WASTES (other than stormwater) COLLECTED BY SYSTEM.

RESIDENTIAL	186,975	GPD
COMMERCIAL	386,775	GPD
INDUSTRIAL	366,250	GPD
OTHER		GPD
----- TOTAL -----	940,000	GPD



A-7: LIST AND DESCRIBE INDIVIDUAL CONTRIBUTORS WHOSE DISCHARGE IS EXPECTED TO EXCEED 5% OF THE TOTAL IN ITEM A-6 OR WHOSE WASTES CONTAIN TOXIC OR OTHER COMPONENTS WHICH MAY EFFECT COMPOSITION OF TOTAL WASTE LOAD:

Name	Activity	Waste	Volume (GPD)
Cabot	Cheese making	} ATTACHMENT C	339,735
Otter Creek Brewing	Brewery		9,721
American Hard Cider	Hard Cider Producer		16,800

A-8: COLLECTION SYSTEM: ☒ SEPARATE SANITARY SEWER ☐ COMBINED SEWER  
 NUMBER OF PUMPING STATIONS IN COLLECTION SYSTEM: 18  
 NUMBER OF AIR EJECTION STATIONS: 0

A-9: ARE WASTES CURRENTLY BEING TREATED? ☒ YES ☐ NO  
 IF, "YES" WHAT LEVEL OF TREATMENT IS PROVIDED? ☐ PRIMARY ☒ SECONDARY ☐ OTHER (describe):

SBR system with UV Disinfection. Two Komline Presses for solids handling followed by RDP system to produce Class A B solids

A-10: ARE WASTES CURRENTLY BEING CHLORINATED PRIOR TO DISCHARGE? ☐ YES ☒ NO

A-11: ARE NEW TREATMENT FACILITIES OR MODIFICATIONS TO EXISTING FACILITIES IN PLANNING, DESIGN OR UNDER CONSTRUCTION? ☐ YES ☒ NO IF, "YES" DESCRIBE TYPE OF FACILITIES TO BE CONSTRUCTED, LEVEL OF TREATMENT, DESIGN CAPACITY, CURRENT STATUS OF PROJECT AND ANTICIPATED SCHEDULE LEADING TO ATTAINMENT OF OPERATIONAL LEVEL.

A-12: IS THE PERSON WHO IS, OR WILL BE, RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY CERTIFIED BY THE AGENCY OF NATURAL RESOURCES AS A TREATMENT PLANT OPERATOR? ☒ YES ☐ NO

NUMBER OF OPERATORS CURRENTLY EMPLOYED AT THE TREATMENT FACILITY? 5

TOTAL NUMBER OF HOURS PER WEEK SPENT ON OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY. 200 plus

A-13: DESCRIBE METHODS AND PROCEDURES USED FOR SLUDGE PROCESSING AND DISPOSAL (NOT APPLICABLE TO AERATED LAGOONS OR STABILIZATION PERIODS).

See ATTACHMENT 'D'

ARE SLUDGE DISPOSAL PROCEDURE AND/OR SITES CERTIFIED (INCLUDING INTERIM CERTIFICATION) UNDER VERMONT'S SOLID WASTE MANAGEMENT RULES? ☒ YES ☐ NO

**STATE OF VERMONT  
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SCHEDULE 1 - MUNICIPAL DISCHARGES

DATE: 3-25-13

A-1 APPLICANT:  
ACTIVITY:

Town of Middlebury  
Wastewater Treatment

A-2: DISCHARGE:

S/N DESIGNATION: 002 For each discharge point, enter a S/N designation (001, 002, 003, etc)

A-3: EXACT LOCATION ON RECEIVING WATER (describe and locate on map) INCLUDE THE OUTFALL FROM THE TREATMENT FACILITY, EMERGENCY BYPASS/S AT THE TREATMENT FACILITY, EMERGENCY BYPASS/S WITHIN THE SEWER SYSTEM, COMBINED SEWER OVERFLOWS AND DRY WEATHER OVERFLOWS:

*The location of this line is shown on the enclosed maps. The area where this discharge occurs is in a marsh area close to the Otter Creek.*

A-4: DESCRIBE, AND ATTACH MAP OF CORPORATE BOUNDARIES, INCLUDING BOUNDARIES OF SEWERED AREA OR AREA TO BE SEWER AND SERVED BY THIS DISCHARGE, TO WHICH THIS DISCHARGE APPLIES:

A-5: CURRENT ESTIMATED POPULATION IN ABOVE BOUNDARIES            PERCENTAGE OF THIS POPULATION SERVED BY THIS DISCHARGE            %.  
IF LESS THAN 100%, HOW ARE WASTES FROM REMAINING POPULATION DISPOSED OF?

A-6: APPROXIMATE DAILY VOLUME OF WASTES (other than stormwater) COLLECTED BY SYSTEM.

RESIDENTIAL		GPD
COMMERCIAL		GPD
INDUSTRIAL		GPD
OTHER		GPD
----- TOTAL -----	0	GPD

A-7: LIST AND DESCRIBE INDIVIDUAL CONTRIBUTORS WHOSE DISCHARGE IS EXPECTED TO EXCEED 5% OF THE TOTAL IN ITEM A-6 OR WHOSE WASTES CONTAIN TOXIC OR OTHER COMPONENTS WHICH MAY EFFECT COMPOSITION OF TOTAL WASTE LOAD:

<i>Name</i>	<i>Activity</i>	<i>Waste</i>	<i>Volume (GPD)</i>

A-8: COLLECTION SYSTEM: ☐ SEPARATE SANITARY SEWER ☐ COMBINED SEWER  
 NUMBER OF PUMPING STATIONS IN COLLECTION SYSTEM:   
 NUMBER OF AIR EJECTION STATIONS:

A-9: ARE WASTES CURRENTLY BEING TREATED? ☐ YES ☐ NO  
 IF, "YES" WHAT LEVEL OF TREATMENT IS PROVIDED? ☐ PRIMARY ☐ SECONDARY ☐ OTHER (describe):

A-10: ARE WASTES CURRENTLY BEING CHLORINATED PRIOR TO DISCHARGE? ☐ YES ☐ NO

A-11: ARE NEW TREATMENT FACILITIES OR MODIFICATIONS TO EXISTING FACILITIES IN PLANNING, DESIGN OR UNDER CONSTRUCTION? ☐ YES ☐ NO IF, "YES" DESCRIBE TYPE OF FACILITIES TO BE CONSTRUCTED, LEVEL OF TREATMENT, DESIGN CAPACITY, CURRENT STATUS OF PROJECT AND ANTICIPATED SCHEDULE LEADING TO ATTAINMENT OF OPERATIONAL LEVEL.

A-12: IS THE PERSON WHO IS, OR WILL BE, RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY CERTIFIED BY THE AGENCY OF NATURAL RESOURCES AS A TREATMENT PLANT OPERATOR? ☐ YES ☐ NO

NUMBER OF OPERATORS CURRENTLY EMPLOYED AT THE TREATMENT FACILITY?

TOTAL NUMBER OF HOURS PER WEEK SPENT ON OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY.

A-13: DESCRIBE METHODS AND PROCEDURES USED FOR SLUDGE PROCESSING AND DISPOSAL (NOT APPLICABLE TO AERATED LAGOONS OR STABILIZATION PERIODS).

ARE SLUDGE DISPOSAL PROCEDURE AND/OR SITES CERTIFIED (INCLUDING INTERIM CERTIFICATION) UNDER VERMONT'S SOLID WASTE MANAGEMENT RULES? ☐ YES ☐ NO

**STATE OF VERMONT  
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SCHEDULE 1 - MUNICIPAL DISCHARGES

DATE: 3-25-13

A-1 APPLICANT:  
ACTIVITY:

Town of Middlebury  
Wastewater Treatment

A-2: DISCHARGE:

S/N DESIGNATION: 003 For each discharge point, enter a S/N designation (001, 002, 003, etc)

A-3: EXACT LOCATION ON RECEIVING WATER (describe and locate on map) INCLUDE THE OUTFALL FROM THE TREATMENT FACILITY, EMERGENCY BYPASS/S AT THE TREATMENT FACILITY, EMERGENCY BYPASS/S WITHIN THE SEWER SYSTEM, COMBINED SEWER OVERFLOWS AND DRY WEATHER OVERFLOWS:

The location of this line is just below the water level on the Otter Creek. Map Enclosed.

A-4: DESCRIBE, AND ATTACH MAP OF CORPORATE BOUNDARIES, INCLUDING BOUNDARIES OF SEWERED AREA OR AREA TO BE SEWER AND SERVED BY THIS DISCHARGE, TO WHICH THIS DISCHARGE APPLIES:

A-5: CURRENT ESTIMATED POPULATION IN ABOVE BOUNDARIES             
PERCENTAGE OF THIS POPULATION SERVED BY THIS DISCHARGE            %.  
IF LESS THAN 100%, HOW ARE WASTES FROM REMAINING POPULATION DISPOSED OF?

A-6: APPROXIMATE DAILY VOLUME OF WASTES (other than stormwater) COLLECTED BY SYSTEM.

RESIDENTIAL		GPD
COMMERCIAL		GPD
INDUSTRIAL		GPD
OTHER		GPD
----- TOTAL -----	0	GPD

A-7: LIST AND DESCRIBE INDIVIDUAL CONTRIBUTORS WHOSE DISCHARGE IS EXPECTED TO EXCEED 5% OF THE TOTAL IN ITEM A-6 OR WHOSE WASTES CONTAIN TOXIC OR OTHER COMPONENTS WHICH MAY EFFECT COMPOSITION OF TOTAL WASTE LOAD:

<i>Name</i>	<i>Activity</i>	<i>Waste</i>	<i>Volume (GPD)</i>

A-8: COLLECTION SYSTEM: ☐ SEPARATE SANITARY SEWER ☐ COMBINED SEWER  
 NUMBER OF PUMPING STATIONS IN COLLECTION SYSTEM:   
 NUMBER OF AIR EJECTION STATIONS:

A-9: ARE WASTES CURRENTLY BEING TREATED? ☐ YES ☐ NO  
 IF, "YES" WHAT LEVEL OF TREATMENT IS PROVIDED? ☐ PRIMARY ☐ SECONDARY ☐ OTHER (describe):

A-10: ARE WASTES CURRENTLY BEING CHLORINATED PRIOR TO DISCHARGE? ☐ YES ☐ NO

A-11: ARE NEW TREATMENT FACILITIES OR MODIFICATIONS TO EXISTING FACILITIES IN PLANNING, DESIGN OR UNDER CONSTRUCTION? ☐ YES ☐ NO IF, "YES" DESCRIBE TYPE OF FACILITIES TO BE CONSTRUCTED, LEVEL OF TREATMENT, DESIGN CAPACITY, CURRENT STATUS OF PROJECT AND ANTICIPATED SCHEDULE LEADING TO ATTAINMENT OF OPERATIONAL LEVEL.

A-12: IS THE PERSON WHO IS, OR WILL BE, RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY CERTIFIED BY THE AGENCY OF NATURAL RESOURCES AS A TREATMENT PLANT OPERATOR? ☐ YES ☐ NO

NUMBER OF OPERATORS CURRENTLY EMPLOYED AT THE TREATMENT FACILITY?

TOTAL NUMBER OF HOURS PER WEEK SPENT ON OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY.

A-13: DESCRIBE METHODS AND PROCEDURES USED FOR SLUDGE PROCESSING AND DISPOSAL (NOT APPLICABLE TO AERATED LAGOONS OR STABILIZATION PERIODS).

ARE SLUDGE DISPOSAL PROCEDURE AND/OR SITES CERTIFIED (INCLUDING INTERIM CERTIFICATION) UNDER VERMONT'S SOLID WASTE MANAGEMENT RULES? ☐ YES ☐ NO



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DATE: 3-25-13

A-1 APPLICANT:  
ACTIVITY:

Town of Middlebury  
Wastewater Treatment

A-2: DISCHARGE:

S/N DESIGNATION: 011 For each discharge point, enter a S/N designation (001, 002, 003, etc)

A-3: EXACT LOCATION ON RECEIVING WATER (describe and locate on map) INCLUDE THE OUTFALL FROM THE TREATMENT FACILITY, EMERGENCY BYPASS/S AT THE TREATMENT FACILITY, EMERGENCY BYPASS/S WITHIN THE SEWER SYSTEM, COMBINED SEWER OVERFLOWS AND DRY WEATHER OVERFLOWS:

The location of this line runs beside the Batter Block pump station and then discharges on the side of the Otter Creek. Map enclosed

A-4: DESCRIBE, AND ATTACH MAP OF CORPORATE BOUNDARIES, INCLUDING BOUNDARIES OF SEWERED AREA OR AREA TO BE SEWER AND SERVED BY THIS DISCHARGE, TO WHICH THIS DISCHARGE APPLIES:

A-5: CURRENT ESTIMATED POPULATION IN ABOVE BOUNDARIES  PERCENTAGE OF THIS POPULATION SERVED BY THIS DISCHARGE  %.  
IF LESS THAN 100%, HOW ARE WASTES FROM REMAINING POPULATION DISPOSED OF?

A-6: APPROXIMATE DAILY VOLUME OF WASTES (other than stormwater) COLLECTED BY SYSTEM.

RESIDENTIAL		GPD
COMMERCIAL		GPD
INDUSTRIAL		GPD
OTHER		GPD
----- TOTAL -----	0	GPD

A-7: LIST AND DESCRIBE INDIVIDUAL CONTRIBUTORS WHOSE DISCHARGE IS EXPECTED TO EXCEED 5% OF THE TOTAL IN ITEM A-6 OR WHOSE WASTES CONTAIN TOXIC OR OTHER COMPONENTS WHICH MAY EFFECT COMPOSITION OF TOTAL WASTE LOAD:

<i>Name</i>	<i>Activity</i>	<i>Waste</i>	<i>Volume (GPD)</i>

A-8: COLLECTION SYSTEM: ☐ SEPARATE SANITARY SEWER ☐ COMBINED SEWER  
 NUMBER OF PUMPING STATIONS IN COLLECTION SYSTEM:   
 NUMBER OF AIR EJECTION STATIONS:

A-9: ARE WASTES CURRENTLY BEING TREATED? ☐ YES ☐ NO  
 IF, "YES" WHAT LEVEL OF TREATMENT IS PROVIDED? ☐ PRIMARY ☐ SECONDARY ☐ OTHER (describe):

A-10: ARE WASTES CURRENTLY BEING CHLORINATED PRIOR TO DISCHARGE? ☐ YES ☐ NO

A-11: ARE NEW TREATMENT FACILITIES OR MODIFICATIONS TO EXISTING FACILITIES IN PLANNING, DESIGN OR UNDER CONSTRUCTION? ☐ YES ☐ NO IF, "YES" DESCRIBE TYPE OF FACILITIES TO BE CONSTRUCTED, LEVEL OF TREATMENT, DESIGN CAPACITY, CURRENT STATUS OF PROJECT AND ANTICIPATED SCHEDULE LEADING TO ATTAINMENT OF OPERATIONAL LEVEL.

A-12: IS THE PERSON WHO IS, OR WILL BE, RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY CERTIFIED BY THE AGENCY OF NATURAL RESOURCES AS A TREATMENT PLANT OPERATOR? ☐ YES ☐ NO

NUMBER OF OPERATORS CURRENTLY EMPLOYED AT THE TREATMENT FACILITY?

TOTAL NUMBER OF HOURS PER WEEK SPENT ON OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY.

A-13: DESCRIBE METHODS AND PROCEDURES USED FOR SLUDGE PROCESSING AND DISPOSAL (NOT APPLICABLE TO AERATED LAGOONS OR STABILIZATION PERIODS).

ARE SLUDGE DISPOSAL PROCEDURE AND/OR SITES CERTIFIED (INCLUDING INTERIM CERTIFICATION) UNDER VERMONT'S SOLID WASTE MANAGEMENT RULES? ☐ YES ☐ NO

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DATE: 3-25-13

A-1 APPLICANT:  
ACTIVITY:

Town of Middlebury  
Wastewater Treatment

A-2: DISCHARGE:

S/N DESIGNATION: 013 For each discharge point, enter a S/N designation (001, 002, 003, etc)

A-3: EXACT LOCATION ON RECEIVING WATER (describe and locate on map) INCLUDE THE OUTFALL FROM THE TREATMENT FACILITY, EMERGENCY BYPASS/S AT THE TREATMENT FACILITY, EMERGENCY BYPASS/S WITHIN THE SEWER SYSTEM, COMBINED SEWER OVERFLOWS AND DRY WEATHER OVERFLOWS:

The location of this line runs beside the main Pumping station then discharges into a manhole which goes into the storm system before it enters the Otter Creek. Map enclosed

A-4: DESCRIBE, AND ATTACH MAP OF CORPORATE BOUNDARIES, INCLUDING BOUNDARIES OF SEWERED AREA OR AREA TO BE SEWER AND SERVED BY THIS DISCHARGE, TO WHICH THIS DISCHARGE APPLIES:

A-5: CURRENT ESTIMATED POPULATION IN ABOVE BOUNDARIES  PERCENTAGE OF THIS POPULATION SERVED BY THIS DISCHARGE  %.  
IF LESS THAN 100%, HOW ARE WASTES FROM REMAINING POPULATION DISPOSED OF?

A-6: APPROXIMATE DAILY VOLUME OF WASTES (other than stormwater) COLLECTED BY SYSTEM.

RESIDENTIAL		GPD
COMMERCIAL		GPD
INDUSTRIAL		GPD
OTHER		GPD
----- TOTAL -----	0	GPD

A-7: LIST AND DESCRIBE INDIVIDUAL CONTRIBUTORS WHOSE DISCHARGE IS EXPECTED TO EXCEED 5% OF THE TOTAL IN ITEM A-6 OR WHOSE WASTES CONTAIN TOXIC OR OTHER COMPONENTS WHICH MAY EFFECT COMPOSITION OF TOTAL WASTE LOAD:

<i>Name</i>	<i>Activity</i>	<i>Waste</i>	<i>Volume (GPD)</i>

A-8: COLLECTION SYSTEM: ☐ SEPARATE SANITARY SEWER ☐ COMBINED SEWER  
 NUMBER OF PUMPING STATIONS IN COLLECTION SYSTEM:   
 NUMBER OF AIR EJECTION STATIONS:

A-9: ARE WASTES CURRENTLY BEING TREATED? ☐ YES ☐ NO  
 IF, "YES" WHAT LEVEL OF TREATMENT IS PROVIDED? ☐ PRIMARY ☐ SECONDARY ☐ OTHER (describe):

A-10: ARE WASTES CURRENTLY BEING CHLORINATED PRIOR TO DISCHARGE? ☐ YES ☐ NO

A-11: ARE NEW TREATMENT FACILITIES OR MODIFICATIONS TO EXISTING FACILITIES IN PLANNING, DESIGN OR UNDER CONSTRUCTION? ☐ YES ☐ NO IF, "YES" DESCRIBE TYPE OF FACILITIES TO BE CONSTRUCTED, LEVEL OF TREATMENT, DESIGN CAPACITY, CURRENT STATUS OF PROJECT AND ANTICIPATED SCHEDULE LEADING TO ATTAINMENT OF OPERATIONAL LEVEL.

A-12: IS THE PERSON WHO IS, OR WILL BE, RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY CERTIFIED BY THE AGENCY OF NATURAL RESOURCES AS A TREATMENT PLANT OPERATOR? ☐ YES ☐ NO

NUMBER OF OPERATORS CURRENTLY EMPLOYED AT THE TREATMENT FACILITY?

TOTAL NUMBER OF HOURS PER WEEK SPENT ON OPERATION AND MAINTENANCE OF THE TREATMENT FACILITY.

A-13: DESCRIBE METHODS AND PROCEDURES USED FOR SLUDGE PROCESSING AND DISPOSAL (NOT APPLICABLE TO AERATED LAGOONS OR STABILIZATION PERIODS).

ARE SLUDGE DISPOSAL PROCEDURE AND/OR SITES CERTIFIED (INCLUDING INTERIM CERTIFICATION) UNDER VERMONT'S SOLID WASTE MANAGEMENT RULES? ☐ YES ☐ NO



# TOWN OF MIDDLEBURY    PERMIT NO. 3-1210

## ATTACHMENT A

Serial Number S/N 001 Location Receiving Water	Treatment Plant Outfall #001 Treatment Plant, Industrial Avenue Otter Creek
Serial Number S/N 002 Location Receiving Water	Combined Sewer Overflow #001 Pump Station #9, Weybridge Street Otter Creek
<b>*Serial Number S/N 003</b> <b>Location</b> <b>Receiving Water</b>	<b>Combined Sewer Overflow #002</b> <b>Pump Station #3, Route 23, between</b> <b>Murdock Court and Shannon Street</b> <b>Otter Creek</b>
Serial Number S/N 005 Location Receiving Water	Combined Sewer Overflow #004 Pump Station #4, Frog Hollow Road Otter Creek
Serial Number S/N 007 Location  Receiving Water	Combined Sewer Overflow #006 Manhole, adjacent to VT Railway tracks west of Cross Street and South Pleasant Street Intersection. Otter Creek
Serial Number S/N 008 Location Receiving Water	Combined Sewer Overflow #007 Pump Station #8, On Seymour Street. Otter Creek
Serial Number S/N 011 Location Receiving Water	Combined Sewer Overflow #010 Pump Station #2, Battel Block Otter Creek
<b>**Serial Number S/N 012</b> <b>Location</b> <b>Receiving Water</b>	<b>Combined Sewer Overflow #011</b> <b>Pump Station #11, Bakery Lane,</b> <b>Manhole</b> <b>Otter Creek</b>
Serial Number S/N 013 Location Receiving Water	Combined Sewer Overflow #012 Pump Station #17, Main Pump Station, Lucius Shaw Lane Otter Creek

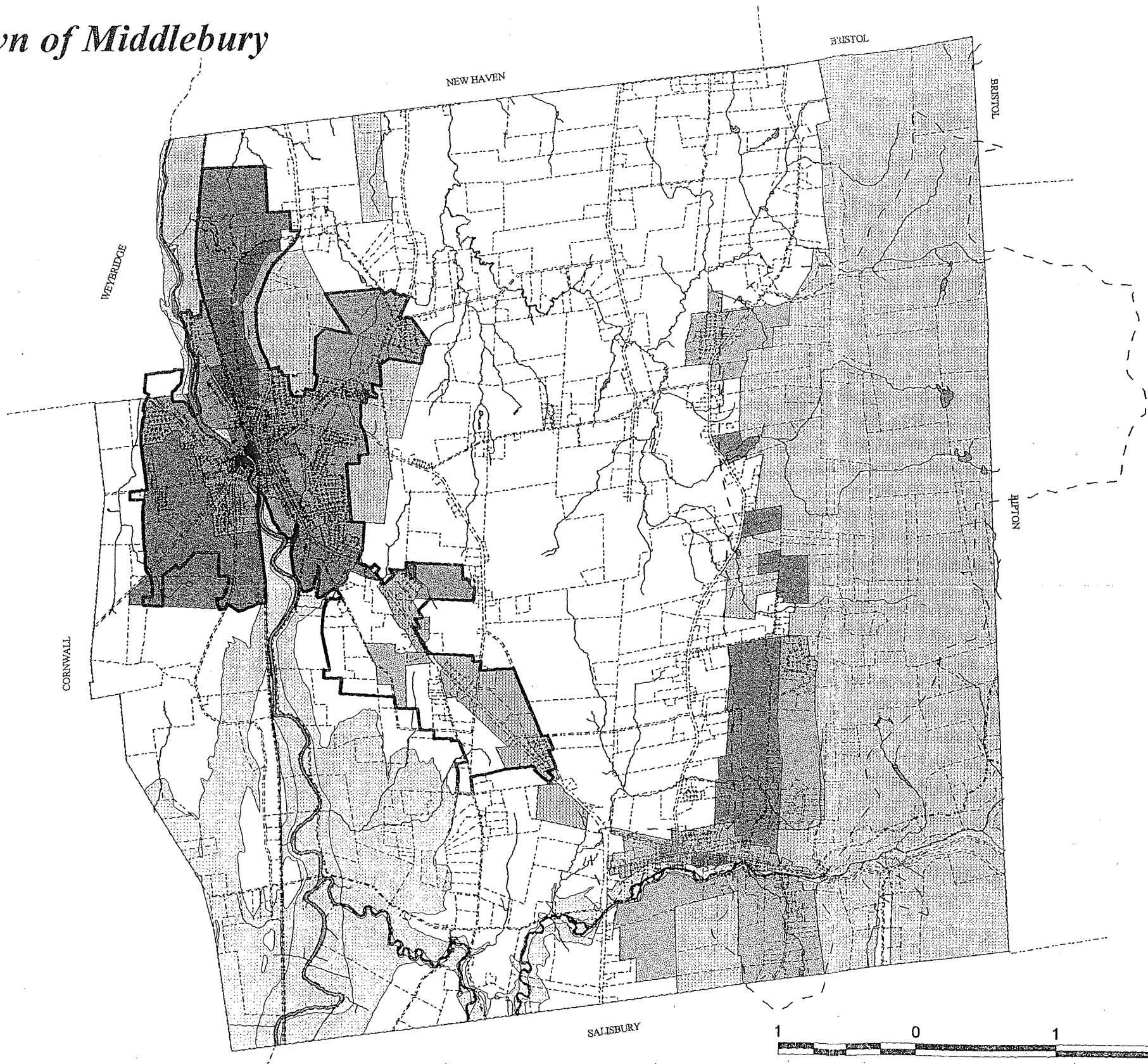
**\*Note, the Old Combined Sewer Overflow Manhole at Route 23 and Shannon Street has been sealed with concrete. Was previously listed as Overflow #4 but should be Overflow #002.**

**\*\*During the Bridge construction the overflow line (Overflow # 011) at Bakery Lane Pumping station has been disconnected.**

"B"

*Town of Middlebury*

*Middlebury Town Plan  
Land Use Districts  
and  
Zoning Map*



**Legend:**

- Land Use Districts**
- (CBD) Central Business District
  - (GC) General Commercial District
  - (IND) Industrial District
  - (OFA) Office/Apartment District
  - (VRC) Village Residential/Commercial District
  - (AIR) Airport District
  - (INS) Institutional District
  - (PHD) Protected Highway District
  - (HDR) High Density Residential
  - (MDR) Medium Density Residential
  - (ARR) Agricultural/Rural Residential District
  - (FOR/CON) Forest/Conservation District
  - (FLD) Flood Hazard District
  - Floodway and Flood Fringe
- Railroad
- Parcel Boundary
- Source Protection Area: Wellhead
- Existing and Planned Sewer Service Area

**Sources:**

Land Use and Zoning:  
Middlebury Town Plan adopted February 11, 1999; amended June 13, 2000.  
Middlebury Zoning Ordinance adopted May 3, 1995; amended July 18, 2000.

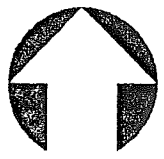
Parcel Boundaries: Digitized from Tax Maps current as of April 1, 1998. Contact Town Clerk for current information.

Sewer Service Area: Existing and Planned Sewer Service Area as provided by Middlebury Town Planning Office, per town plan.

Surface Waters: Interpreted from VT Mapping Program Orthophotos, 1:5000, 1978

Source Protection Areas: Vermont Department of Health, USGS 7.5 minute Quadrangles and GPS.

Town Boundary: Digitized from USGS 7.5 minute Quadrangles



**GRS**  
Addison County Regional  
Planning Commission  
This map intended for planning purposes

## TOWN OF MIDDLEBURY PERMIT NO 3-1210

### ATTACHMENT C

ALL TOTALS FOR FLOW, BOD, TSS AND PHOSPHORUS ARE AVERAGES FOR THE YEAR 2012.

	<b>Flow MG Yearly Average</b>	<b>BOD Pounds Yearly Average</b>	<b>TSS Pounds Yearly Average</b>	<b>Total Phosphorus Pounds</b>
<b>American Hard Cider</b>	0.0168 2%	736 23.9%	45 2.2%	NA
<b>Otter Creek Brewery *</b>	0.0097 1%	105 3.4%	NA	NA
<b>Cabot</b>	0.340 36%	1,748 57%	674 33%	59 71%
<b>Town Total</b>	0.940	3,075	2,066	83

\*Otter Creek Brewery does not meet or exceed 5% in any one of the 4 categories listed about but they do have a very high waste strength which does effect the composition of the total waste load.

Last year the average BOD strength of Otter Creek Brewery's wastewater was 1,293 mg/l.

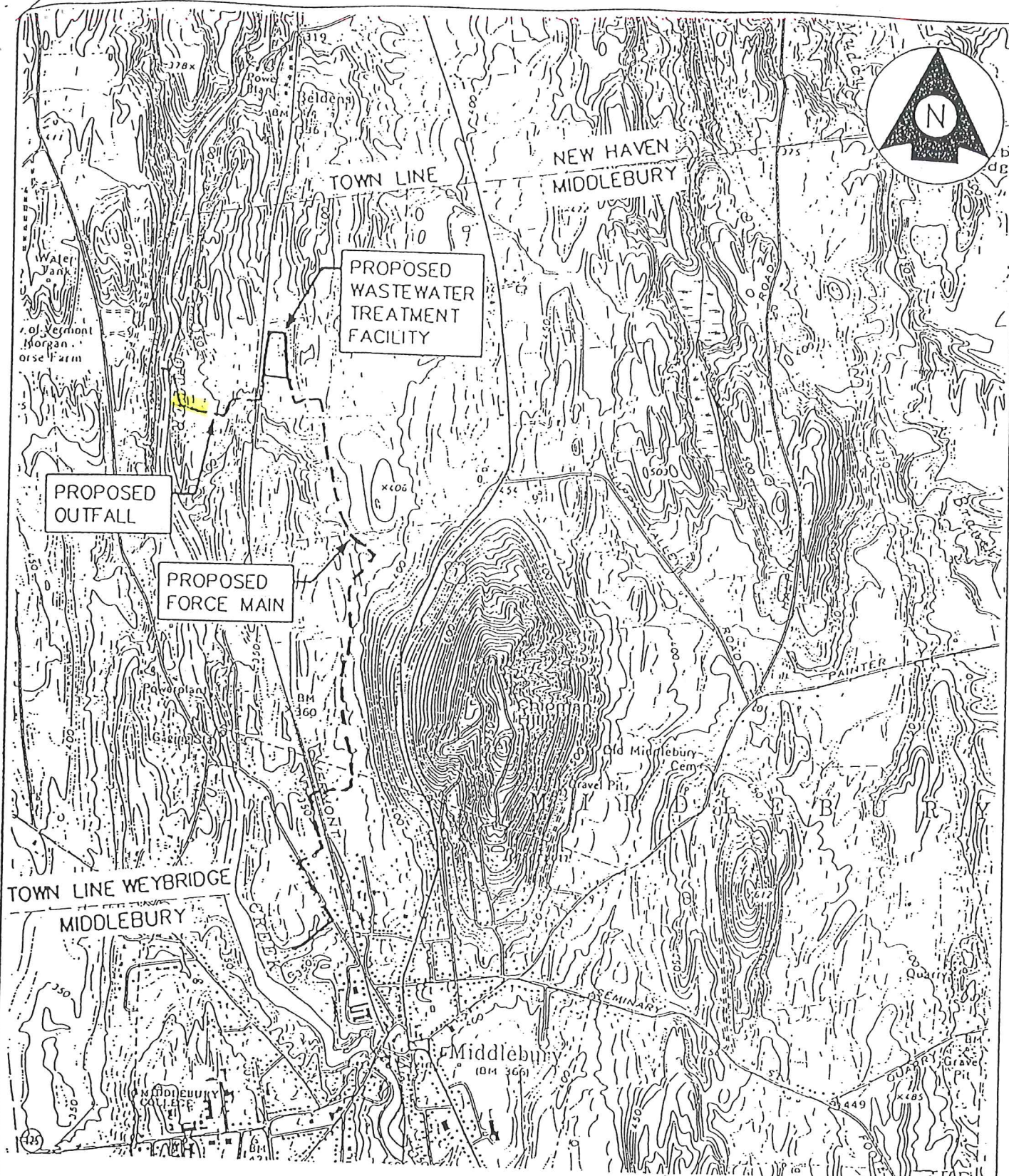
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## **ATTACHMENT D**

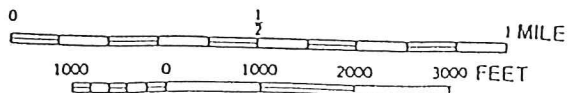
Sludge's that are generated by the SBRs are pumped into short-term storage tanks (2 200,000 gallon tanks). The sludge's are then dewatered (thru 2 (1.5) meter Komline presses), lime stabilized and thermal pasteurized to meet Class A standards. This would account for approximately 99% of all the sludge's that we handle.

The remaining 1% is material that has not met the Class A levels of treatment. As there is no way to reintroduce this material back into the system we stock pile the material and then is disposed of it at a landfill in Moretown or Coventry.





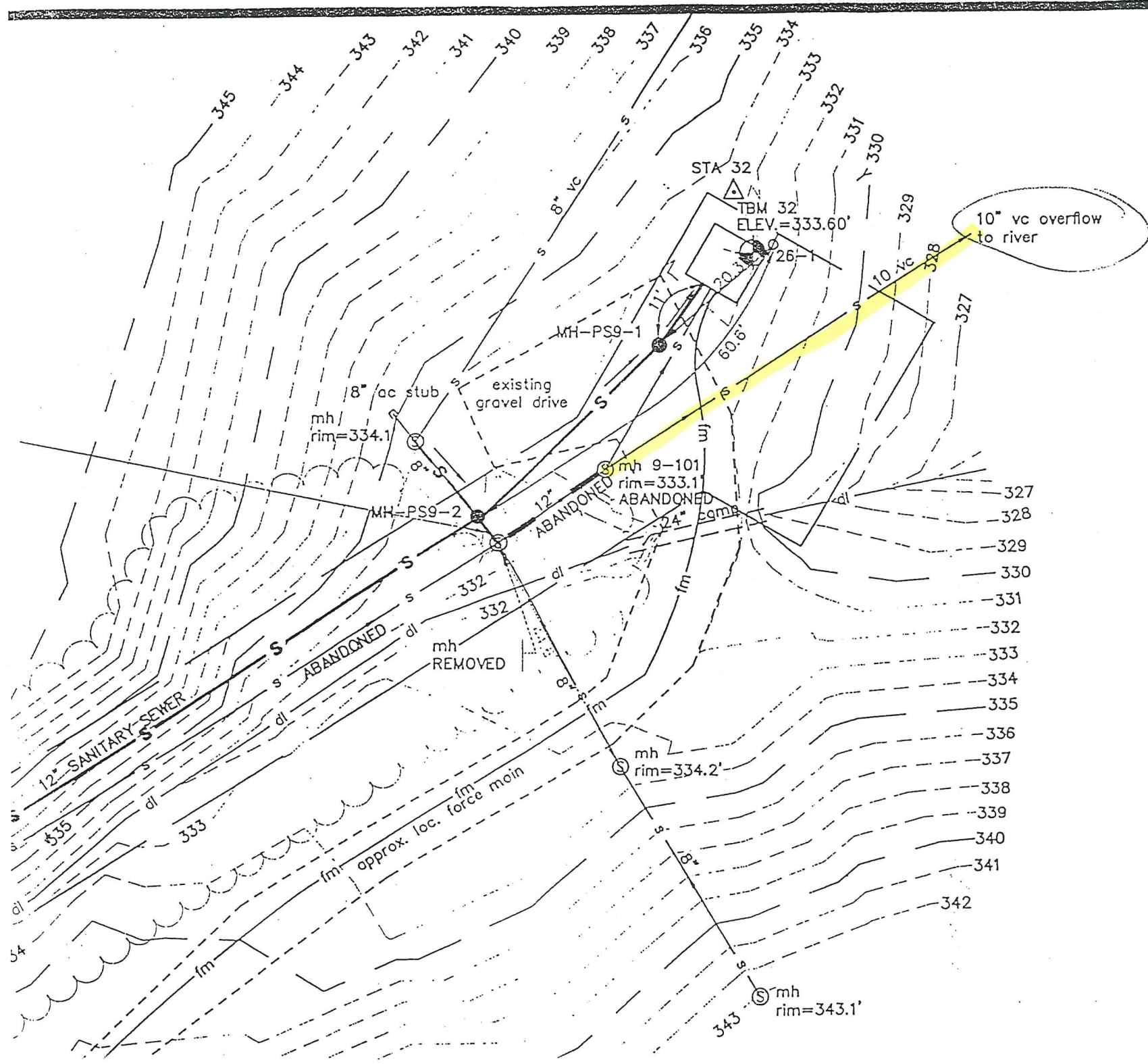
SCALE 1:24 000



APPLICANT: TOWN OF MIDDLEBURY

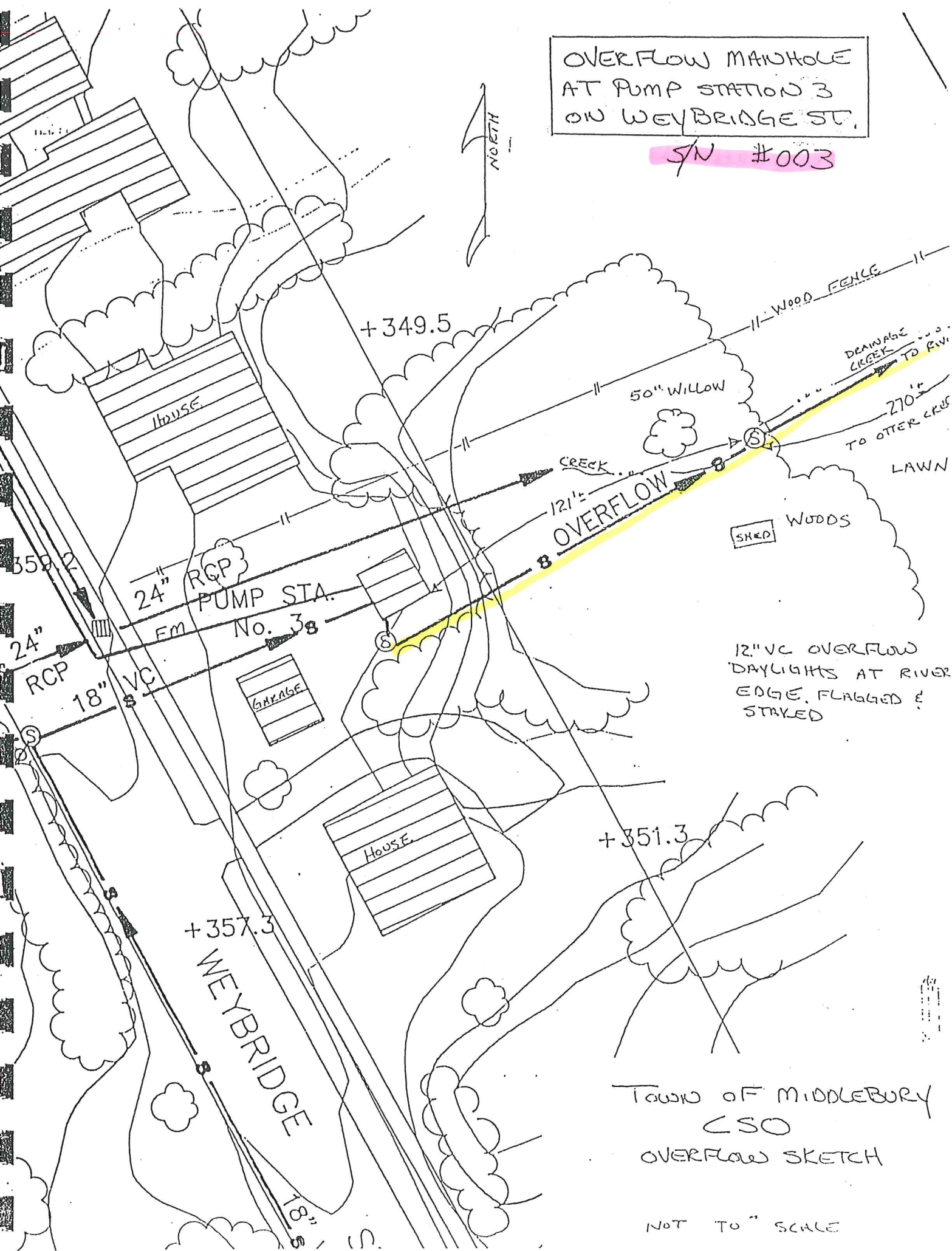


S/N 003  
Pump Station #9  
Weybridge Road



OVERFLOW MANHOLE  
AT PUMP STATION 3  
ON WEYBRIDGE ST.

SN #003



12" VC OVERFLOW  
DAYLIGHTS AT RIVER  
EDGE. FLAGGED &  
STAKED

TOWN OF MIDDLEBURY  
CSO  
OVERFLOW SKETCH

NOT TO SCALE







S/N 013

Treatment plant field  
Lacius Shaw Lane

DISCHARGE TO OTTER CREEK  
24" SA.

CLEANOUT

EXIST DITCH

NOT THIS CONTRACT  
8" SA

PROPOSED HEADWALL  
NOT IN THIS CONTRACT

4" GRIT  
PLUGGED

3" WS

6" PD  
1" CL

12" D

36" D  
(ABANDON)

MH 123

4" GRIT  
PLUGGED &  
ENCASED

PARKING

PRIMARY  
LIFT

EFFLUENT  
STATION

MH 117

(MH 5)

20

EXIST  
CL.  
CONTACT  
TANK

MH 118  
(MH 4)

16" M  
(ABANDON)

MH 119

20" M

16" M

20" M

2" SA

16" M

16" M

2 CL  
PLUGGED

6" PD

18" BP

2" CL

3" WS

6" D

1" CL

6" PD

2" CL

6" PD

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